APTI-Learn & Other Training Resources

Alice Lutrey, MARAMA

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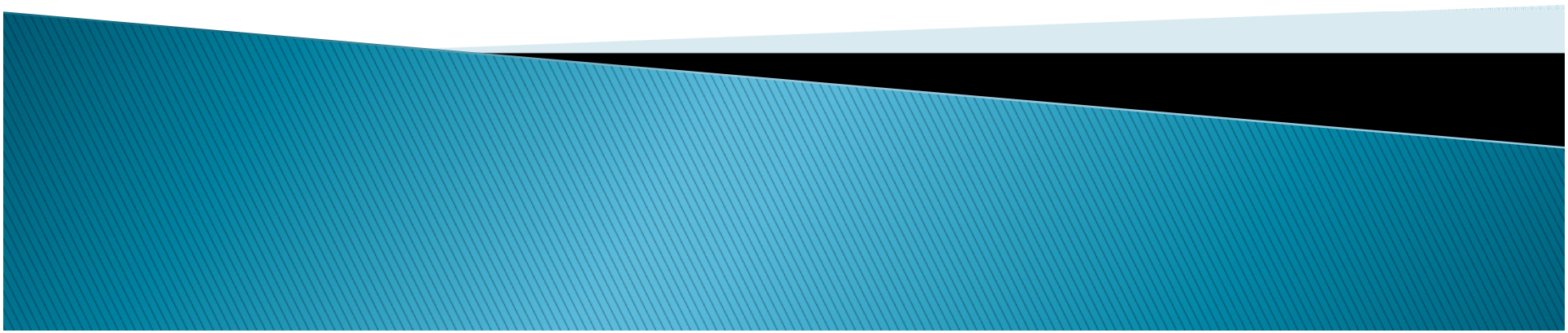


APTI-Learn

- Definition
- Purpose
- Components
- Getting Started
- What can I do?
- Additional Information

What is APTI-Learn?

- Learning Management System

What is APTI-Learn?

Learning Management System

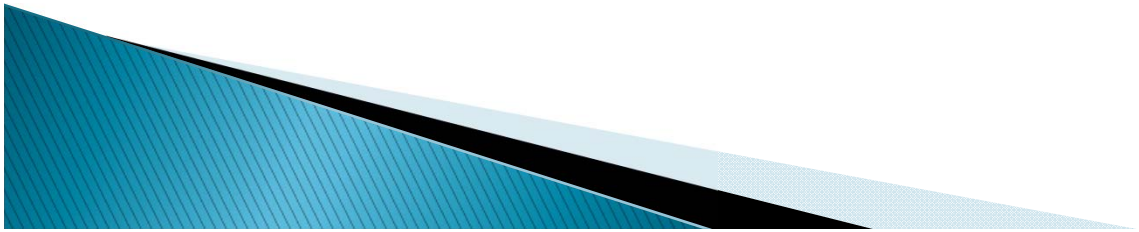
- System that allows for:
  - Registration for instructor led & e-learning courses
  - Delivery of online learning materials & courses
  - Tracking & reporting of learning

Purpose

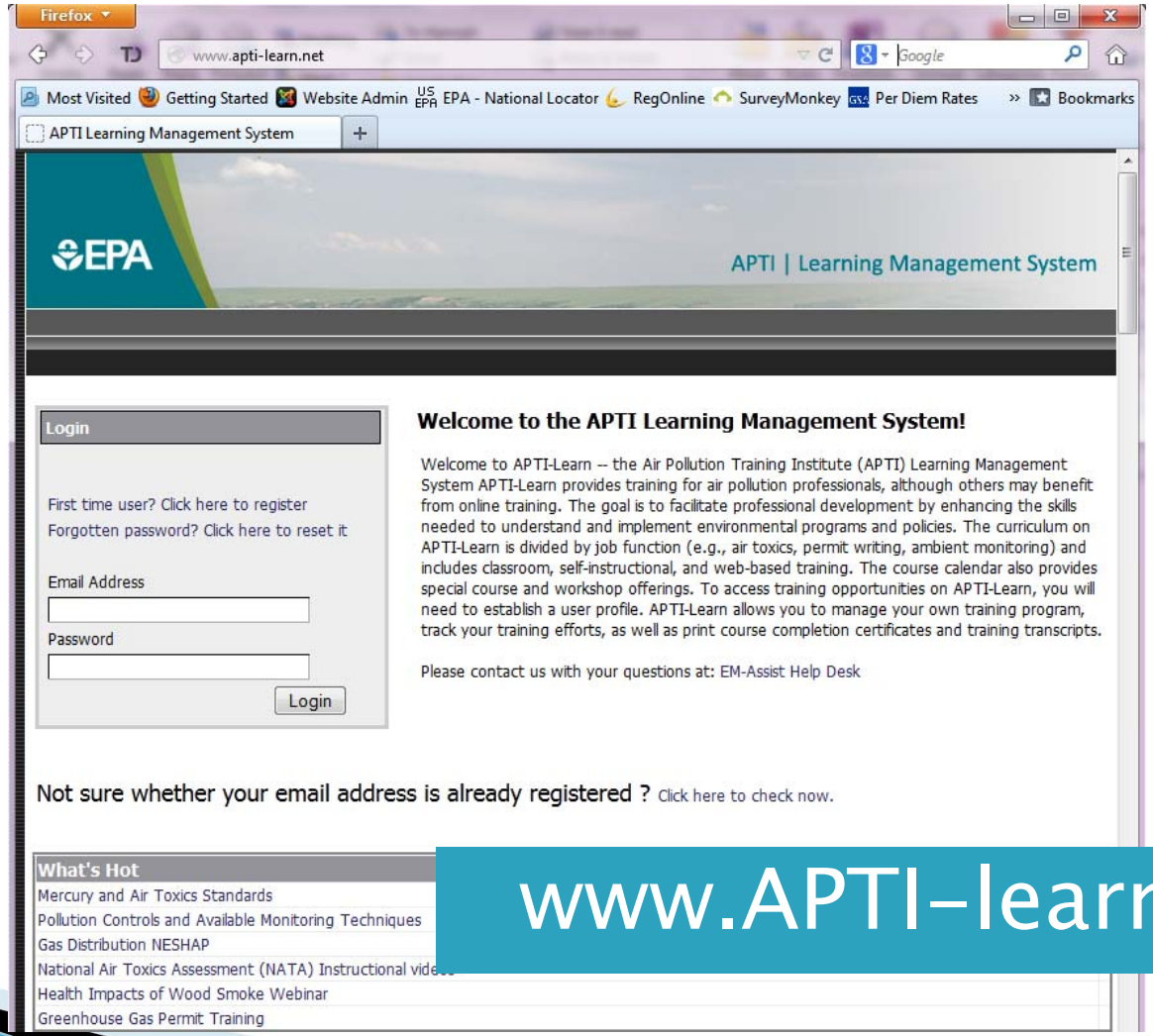
- A centralized LMS that hosts training records for:
  - APTI Courses
  - MJOs
  - National Air Compliance Training (NACT) – (formerly CARB training)
- Others may access the LMS:
  - State and local air pollution control agencies
  - Tribal and Environmental Justice Communities
  - Students
  - General Public

What comprises APTI-Learn?

- Comprehensive training calendar
- Curriculum for 13 job categories
  - Training needs
- Courses
  - 34 self instructional courses
  - 25 classroom training courses w/student manuals
  - 46 NACT courses (formerly CARB)
  - 100+ training videos and webinars
- Student transcripts
- Course completion certificates



Where can I find it?



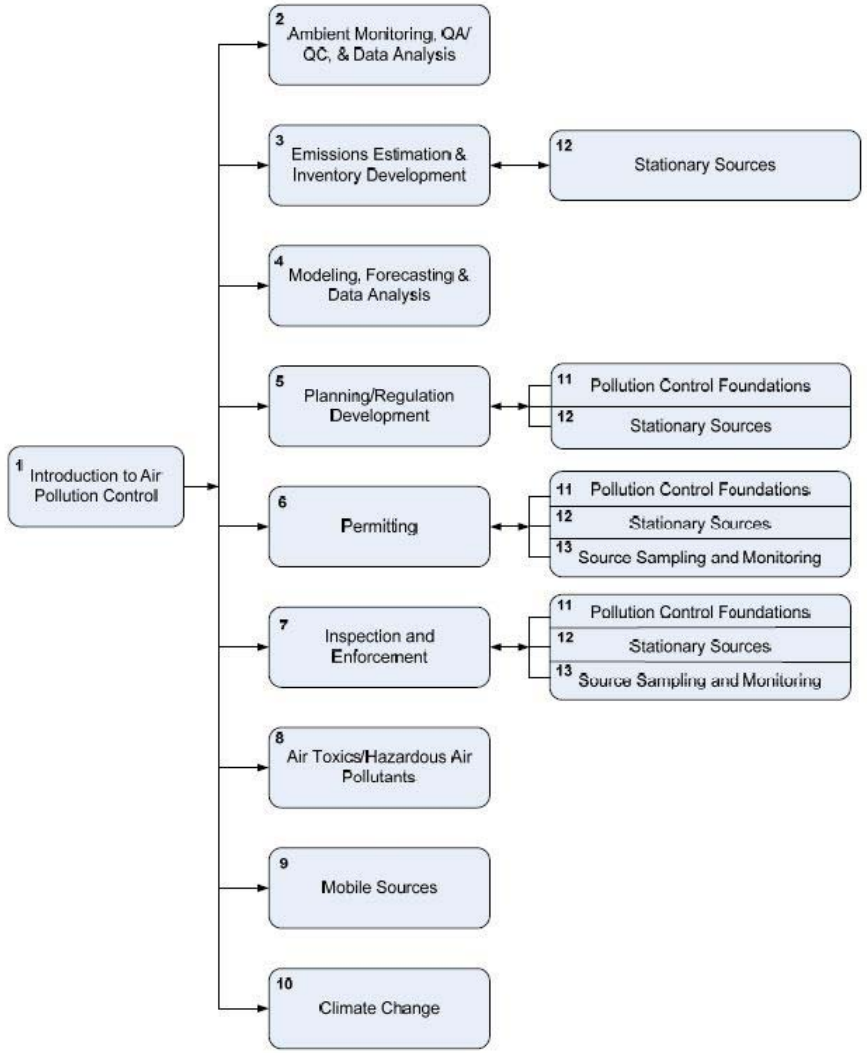
www.APTI-learn.net

Why do I need it?

- Introduction to Air Pollution Control Job Function
  - Recommended for all employees
- Transcript available
  - Track both classroom and self-instructional
- APTI and NACT Course registration
  - APTI Course Materials available
  - Certificate download

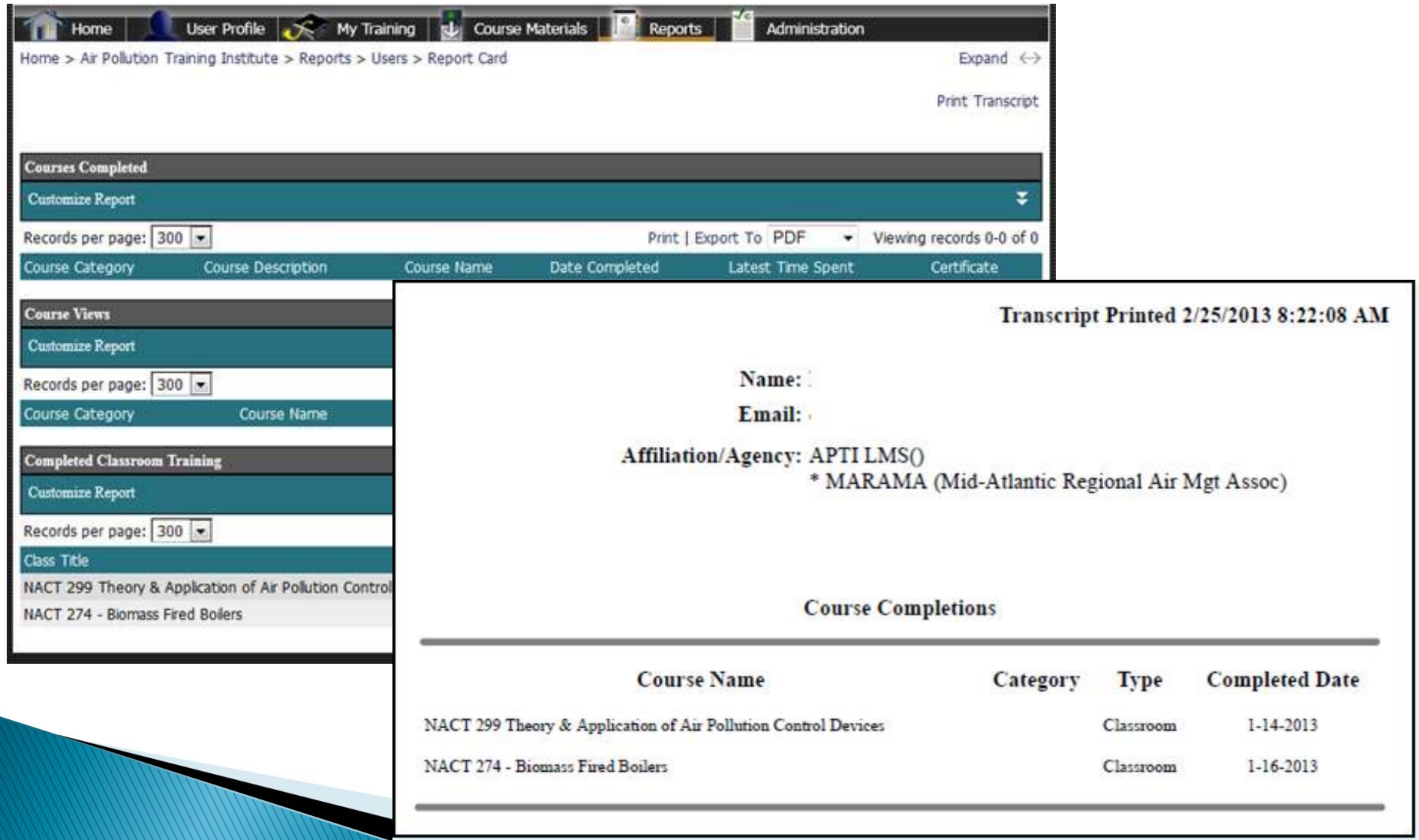
Curriculum

- 13 Functions
  - 1 Basic category
  - 9 Main categories
  - 3 Sub-category



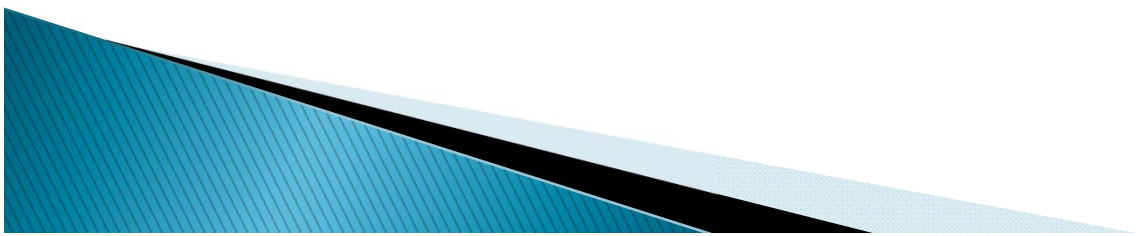
Training and Development Flowchart

Transcripts



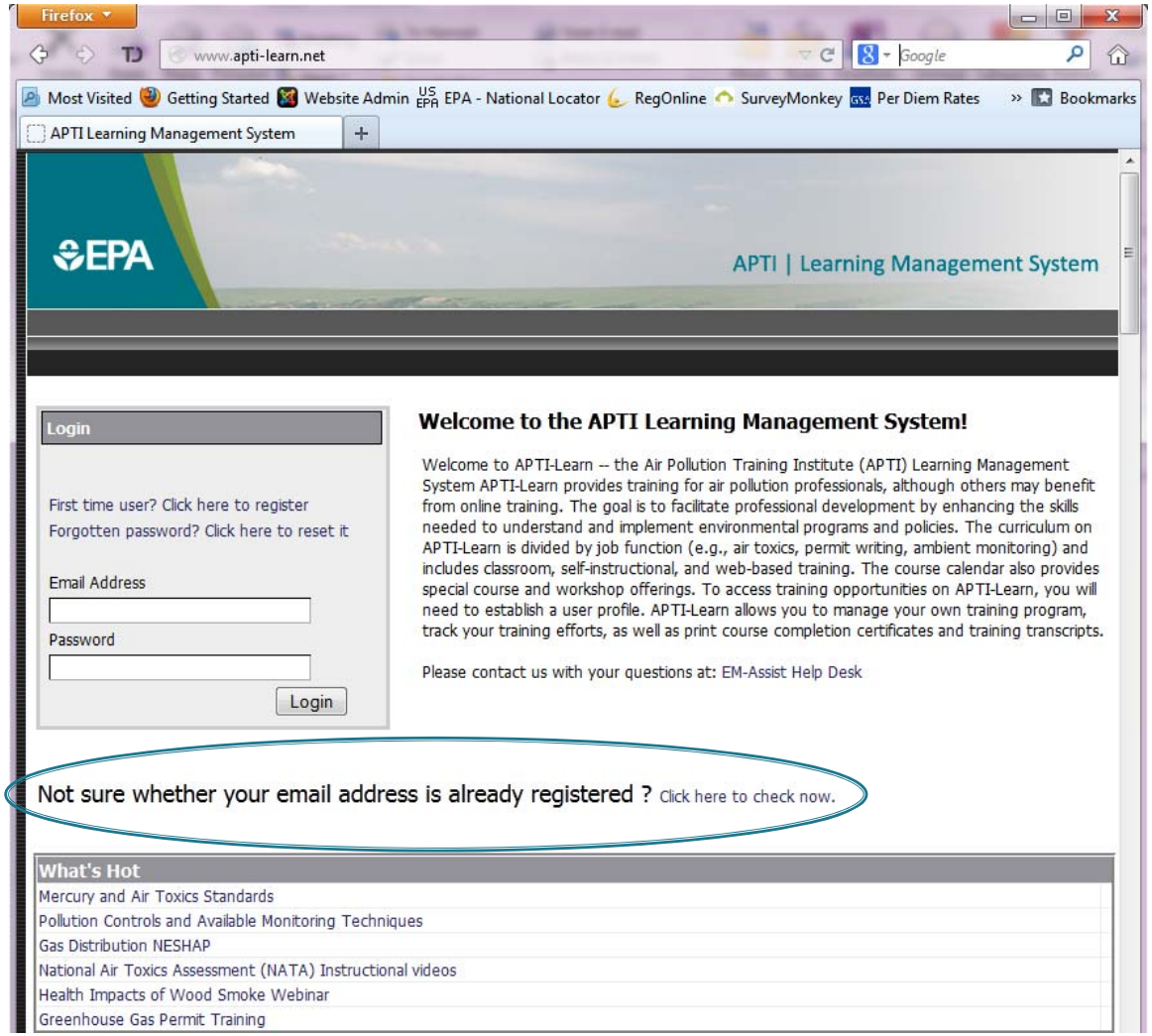
How do I use it?

- Logging In
- Setting Up a Profile
- Registering for courses
- Finding e-learning courses
- Available resources



Logging In

- Two options:
  - Already registered
  - Need to register



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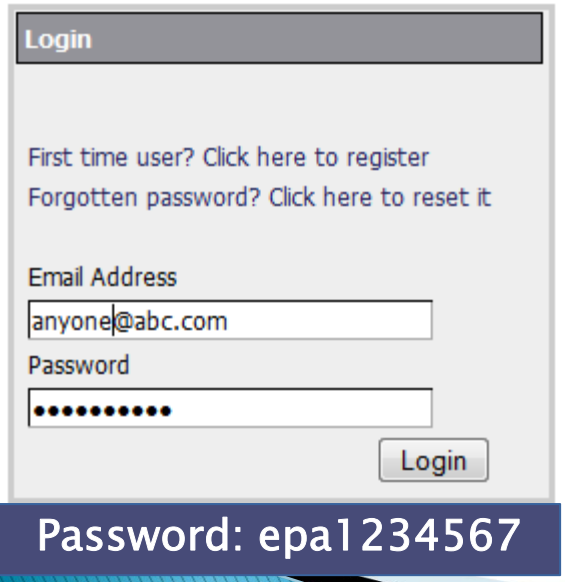
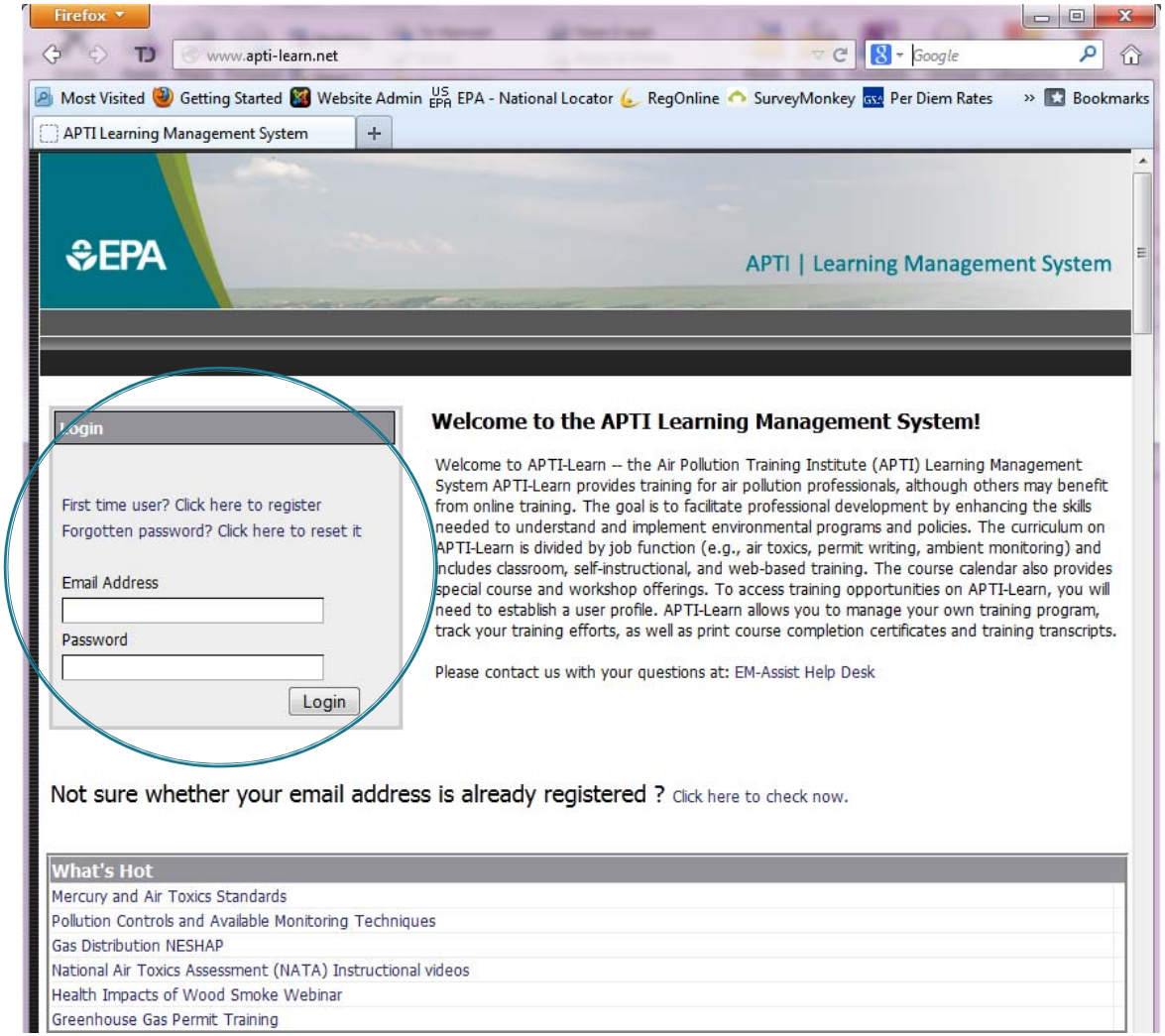
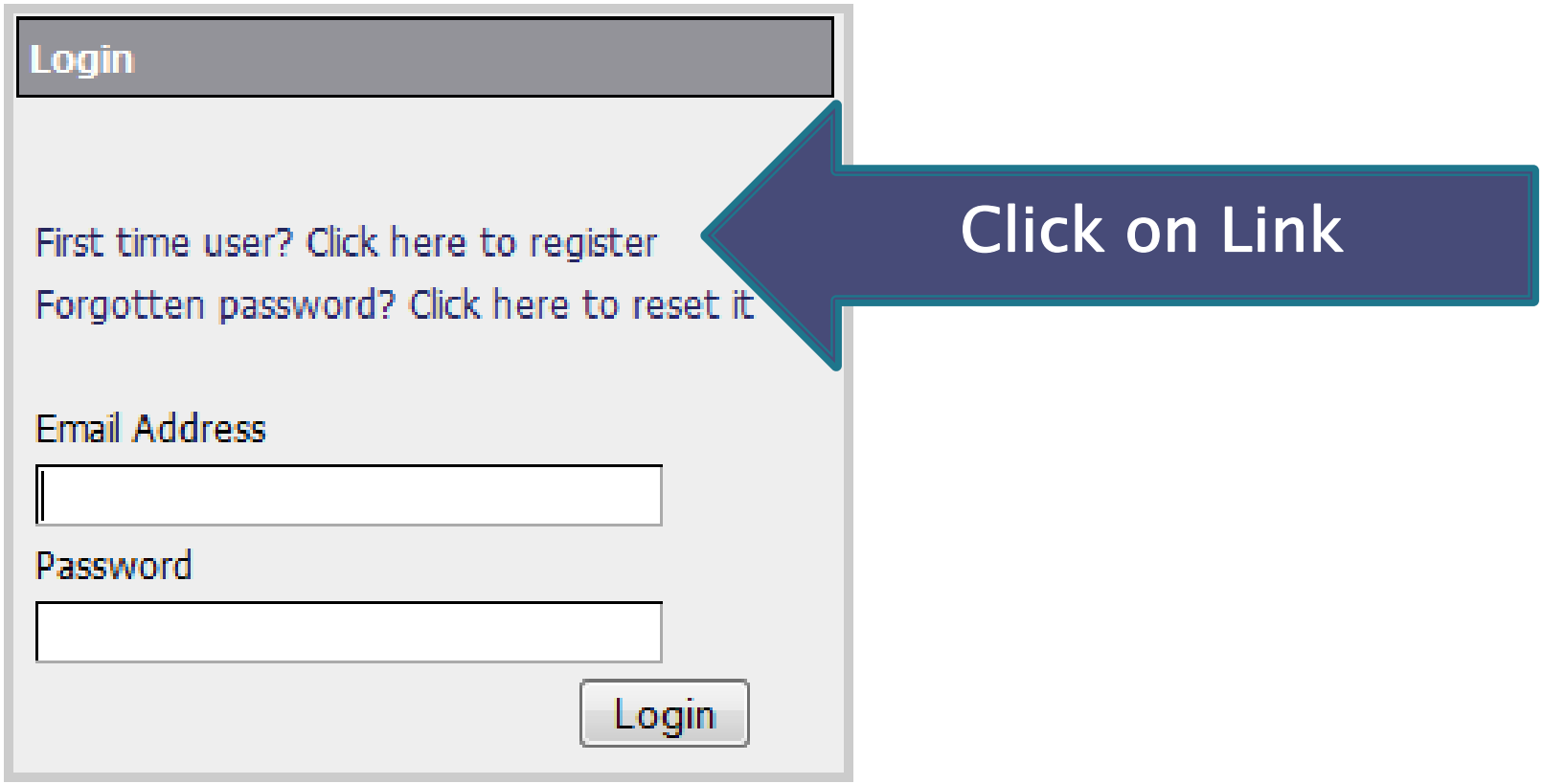


Password: epa1234567

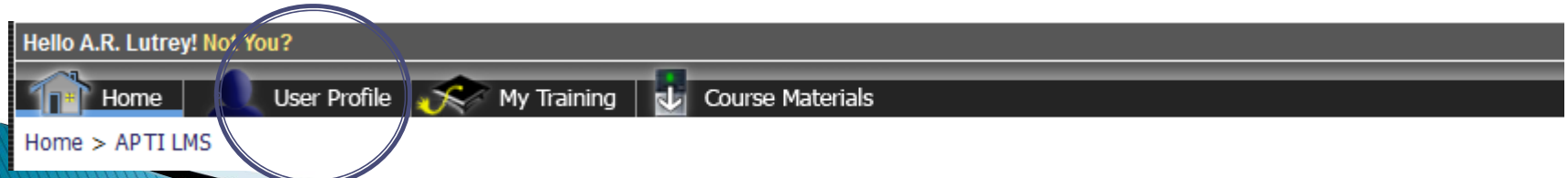


First Time User



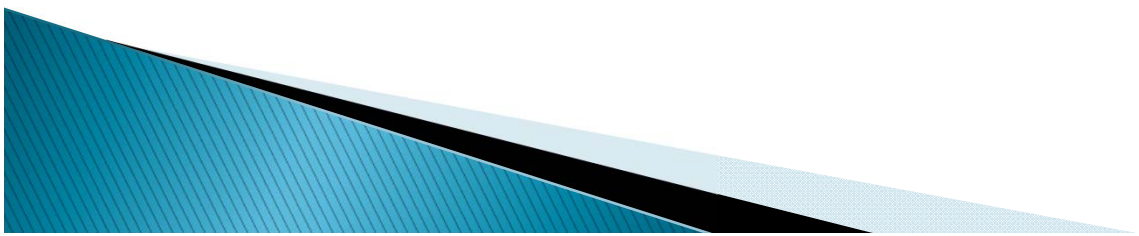
First Time Logging In

- New User
  - Profile information automatically opens to be completed
- Registered User
  - May need to go to User Profile to update information

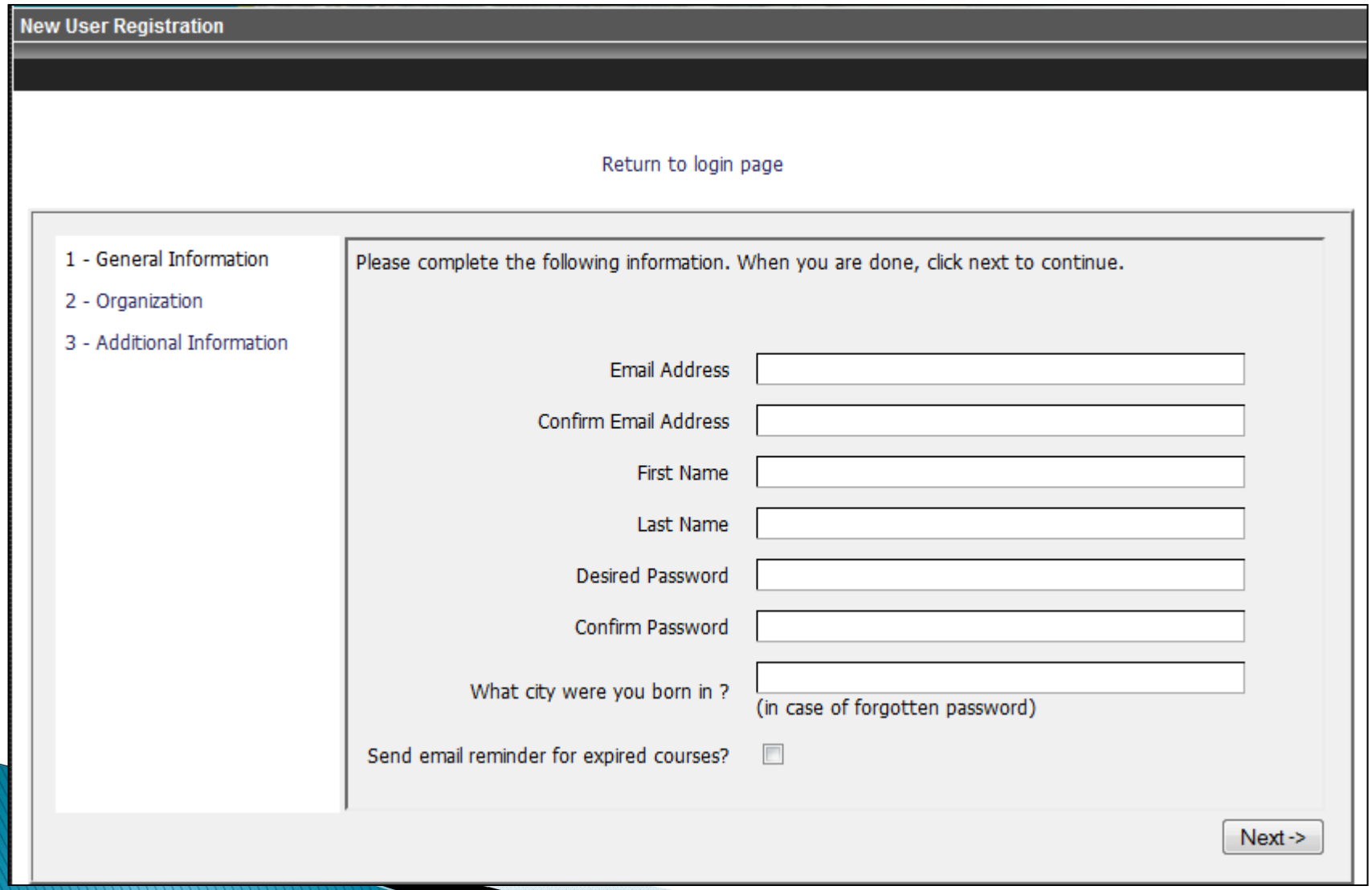


User Profile

- Three parts:
  - General Information
    - Basic contact Info and password
  - Organization
    - MJO, state and agency affiliation
  - Additional Information
    - Full contact, job functions, and



New User – General Information



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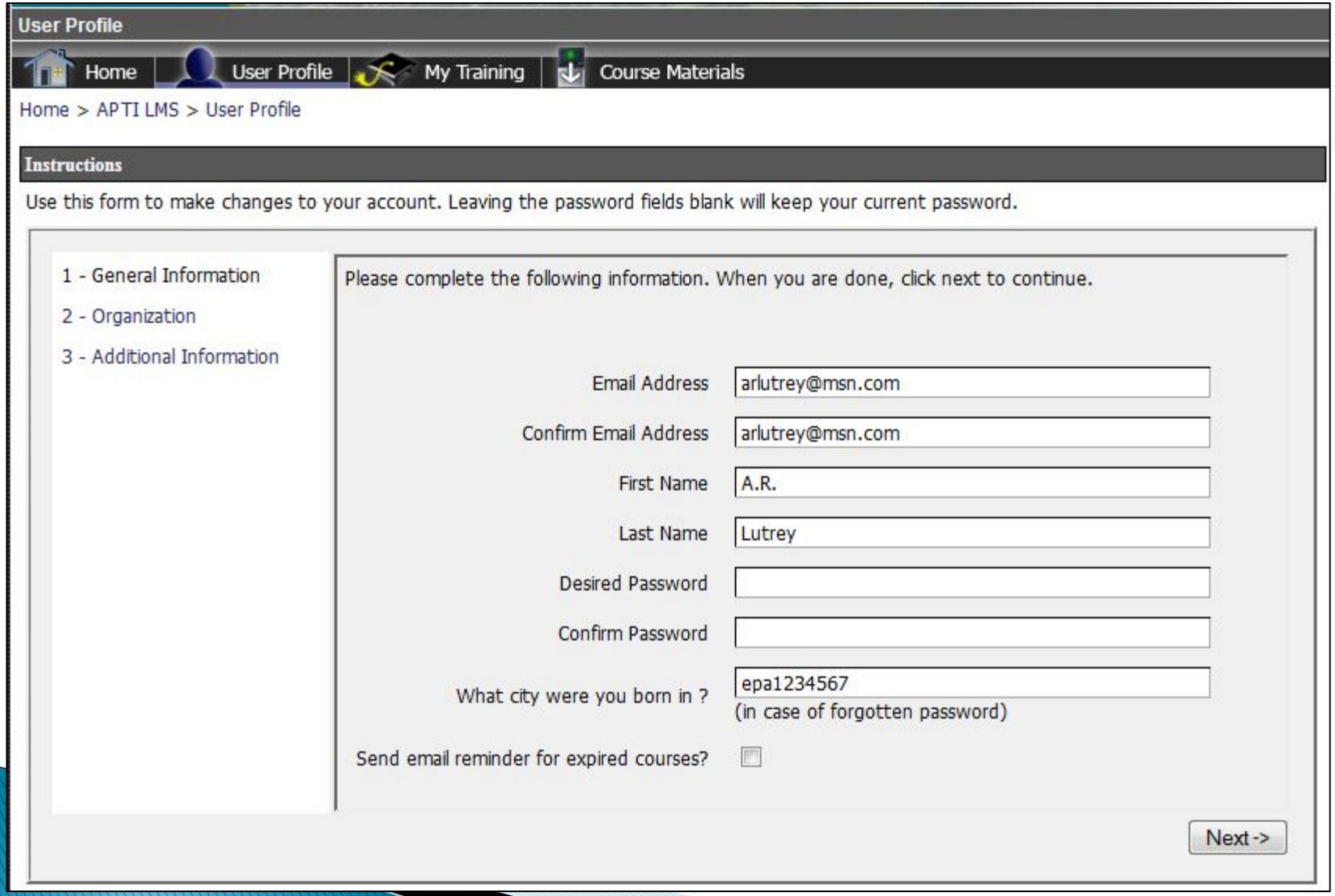

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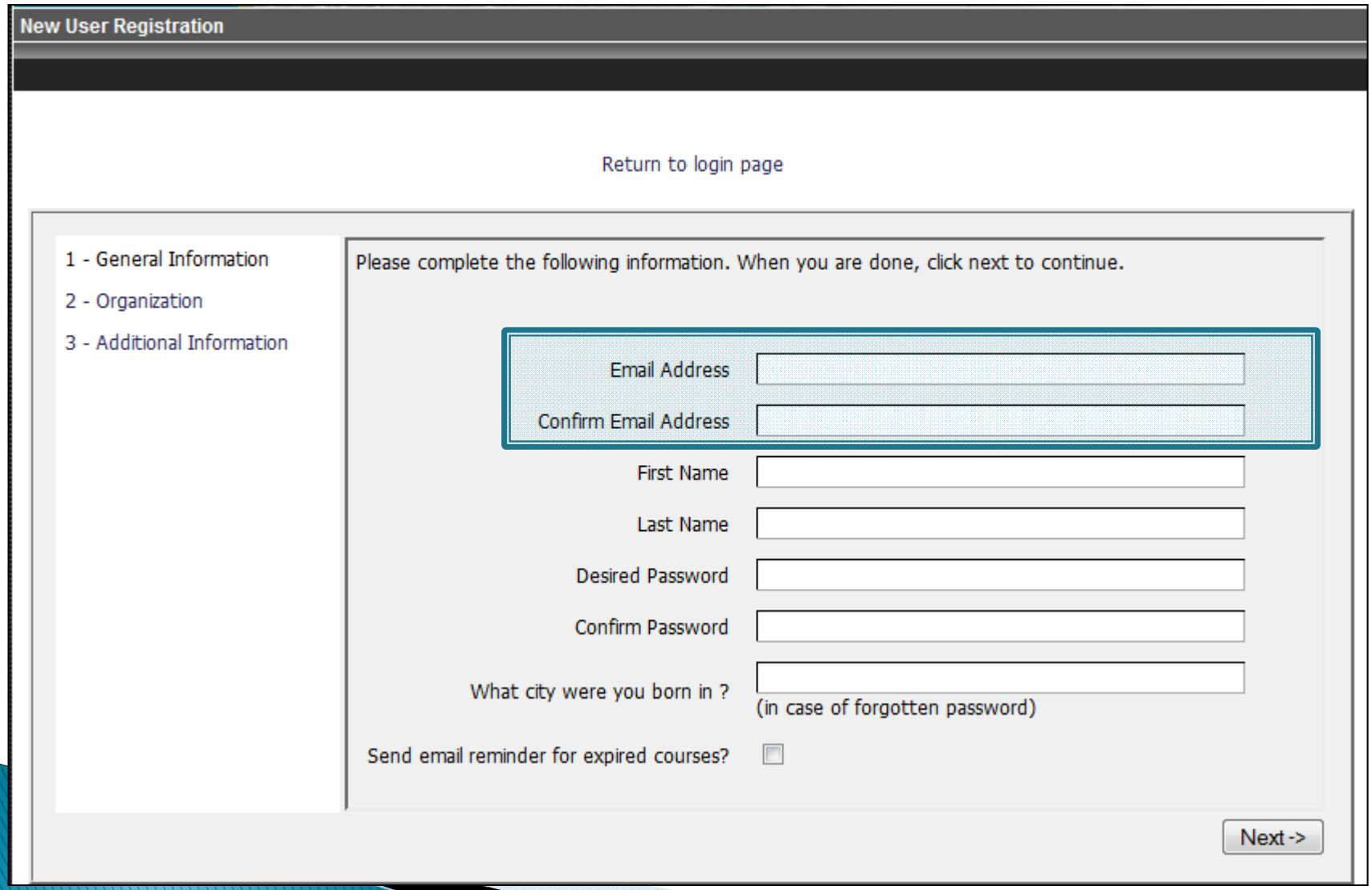

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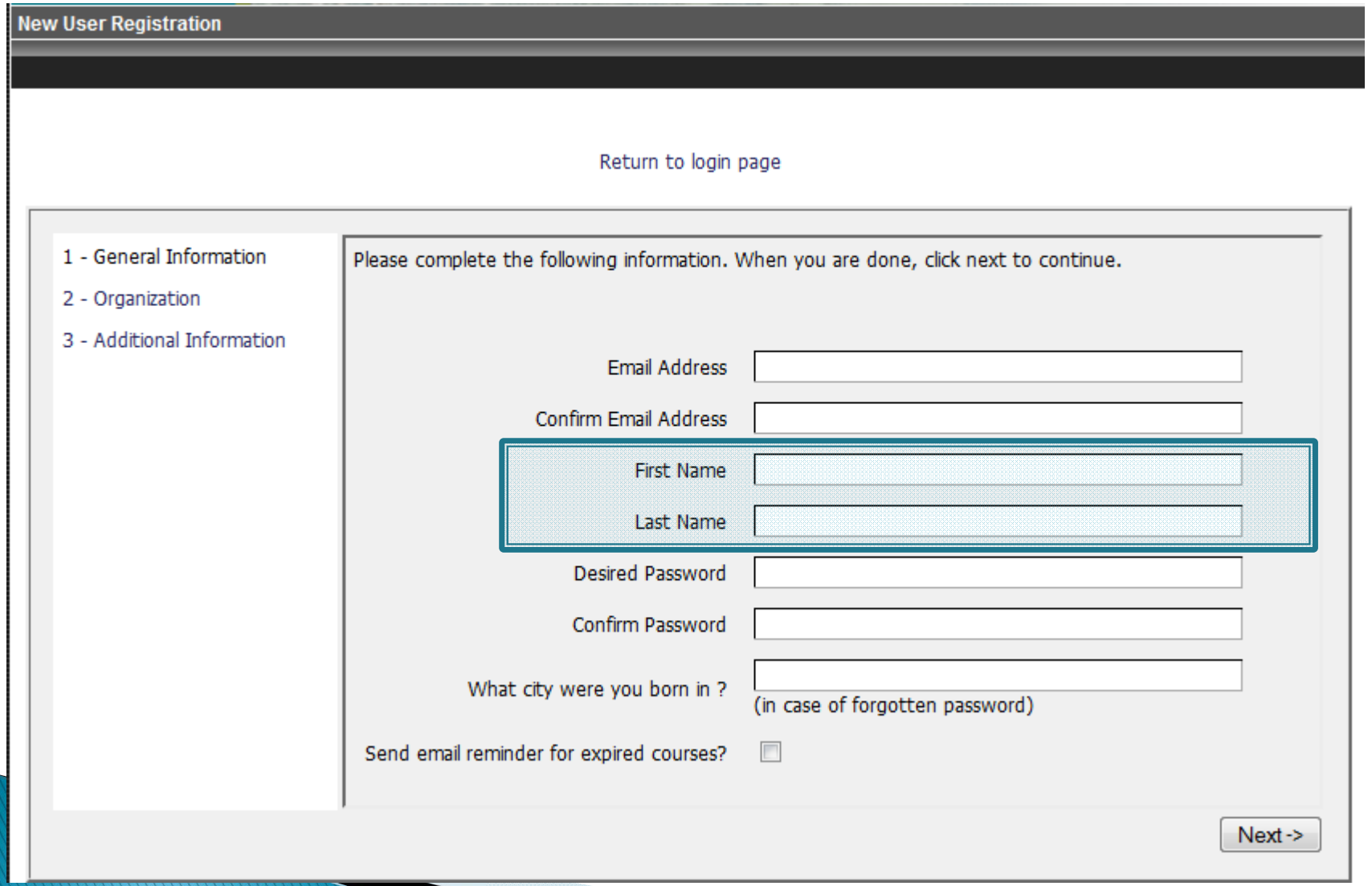

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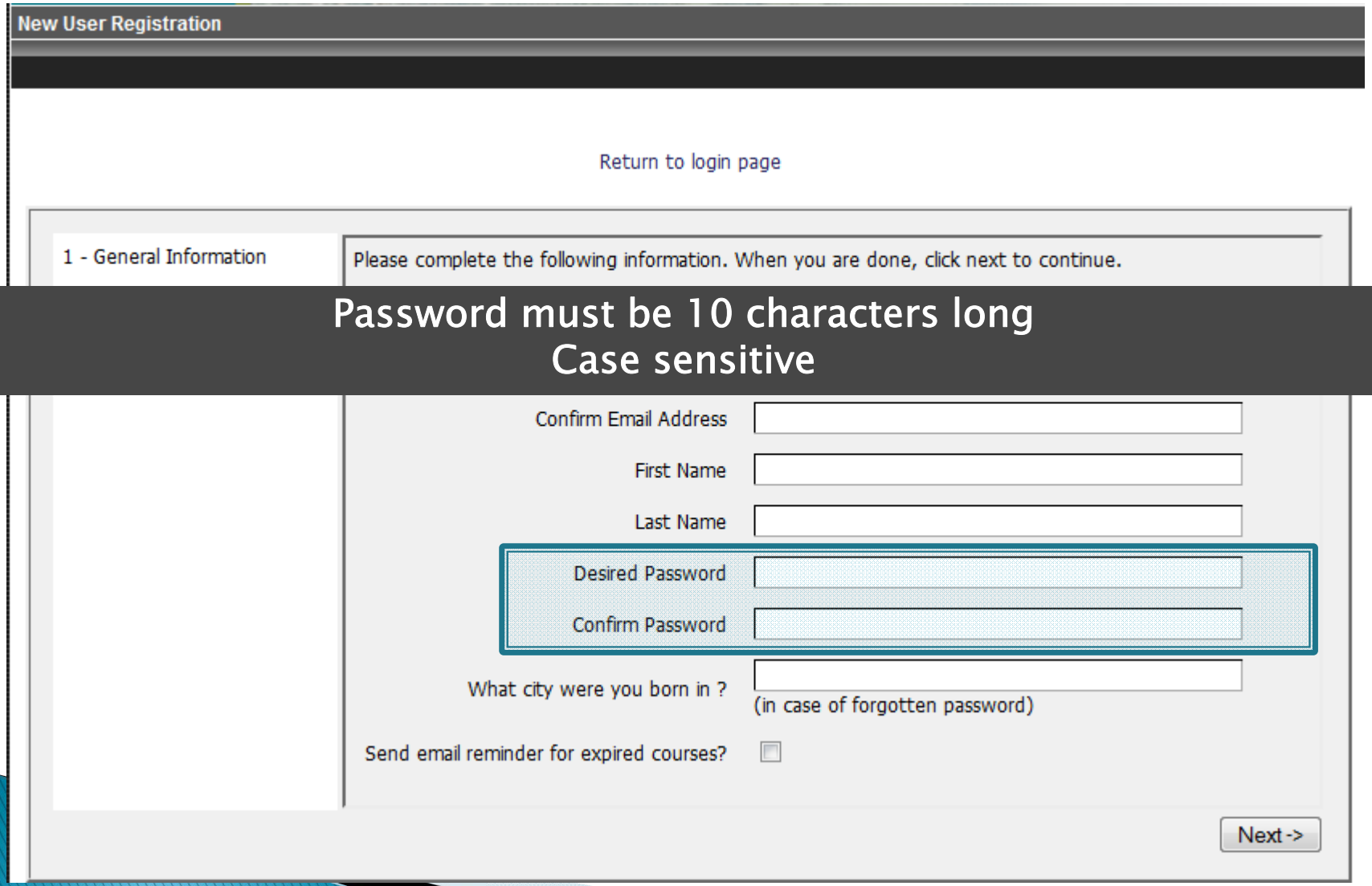

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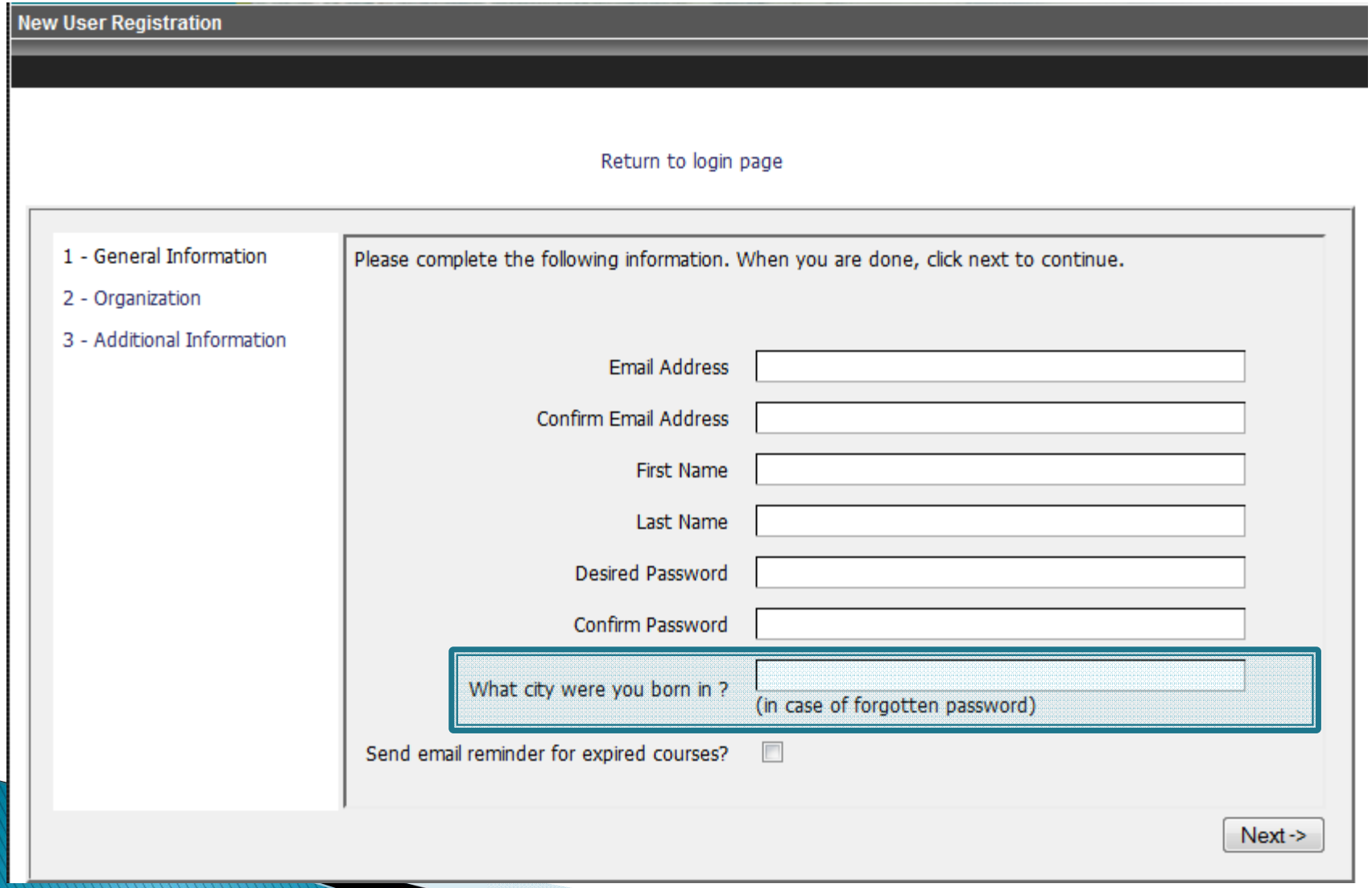
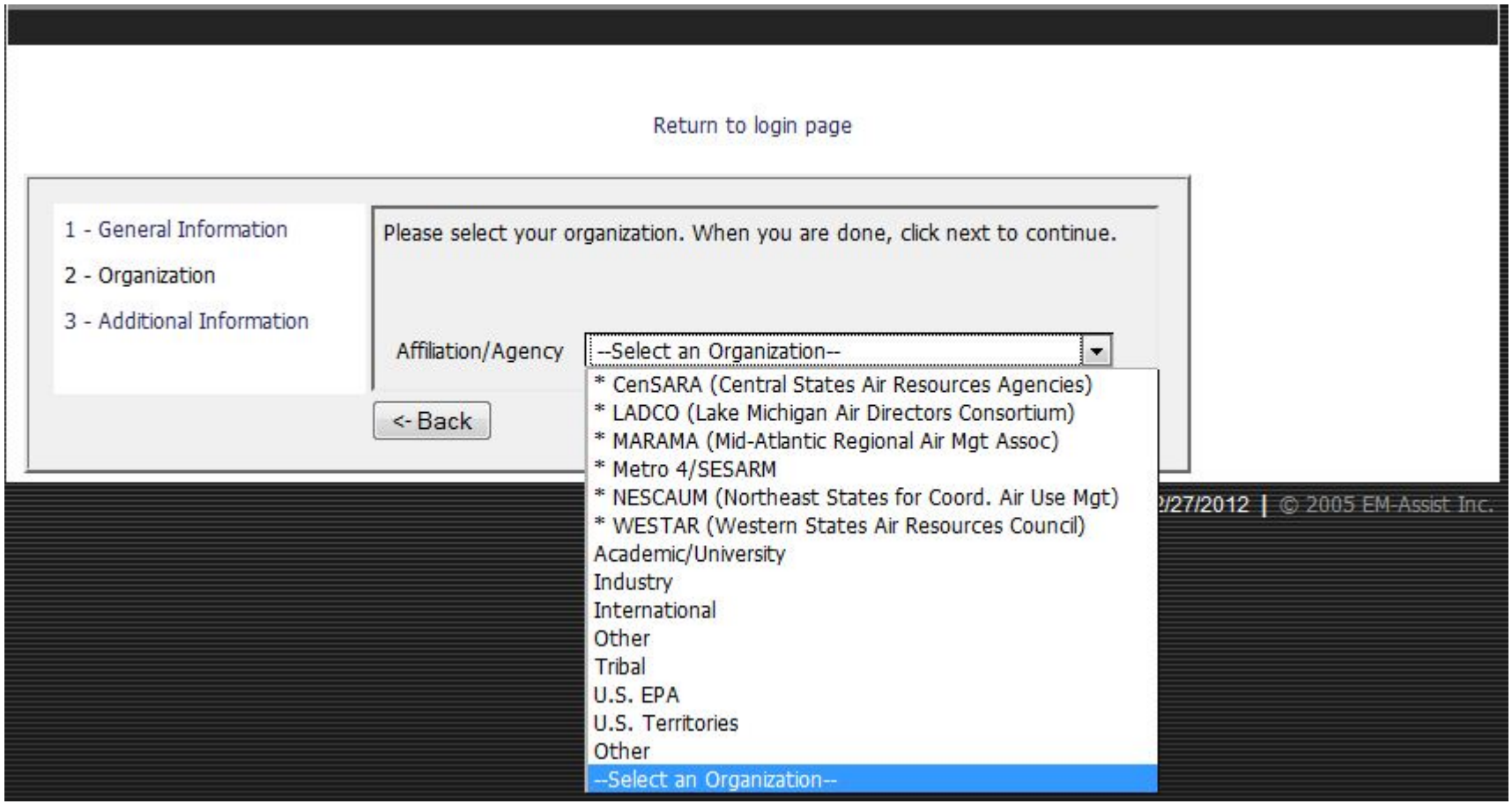
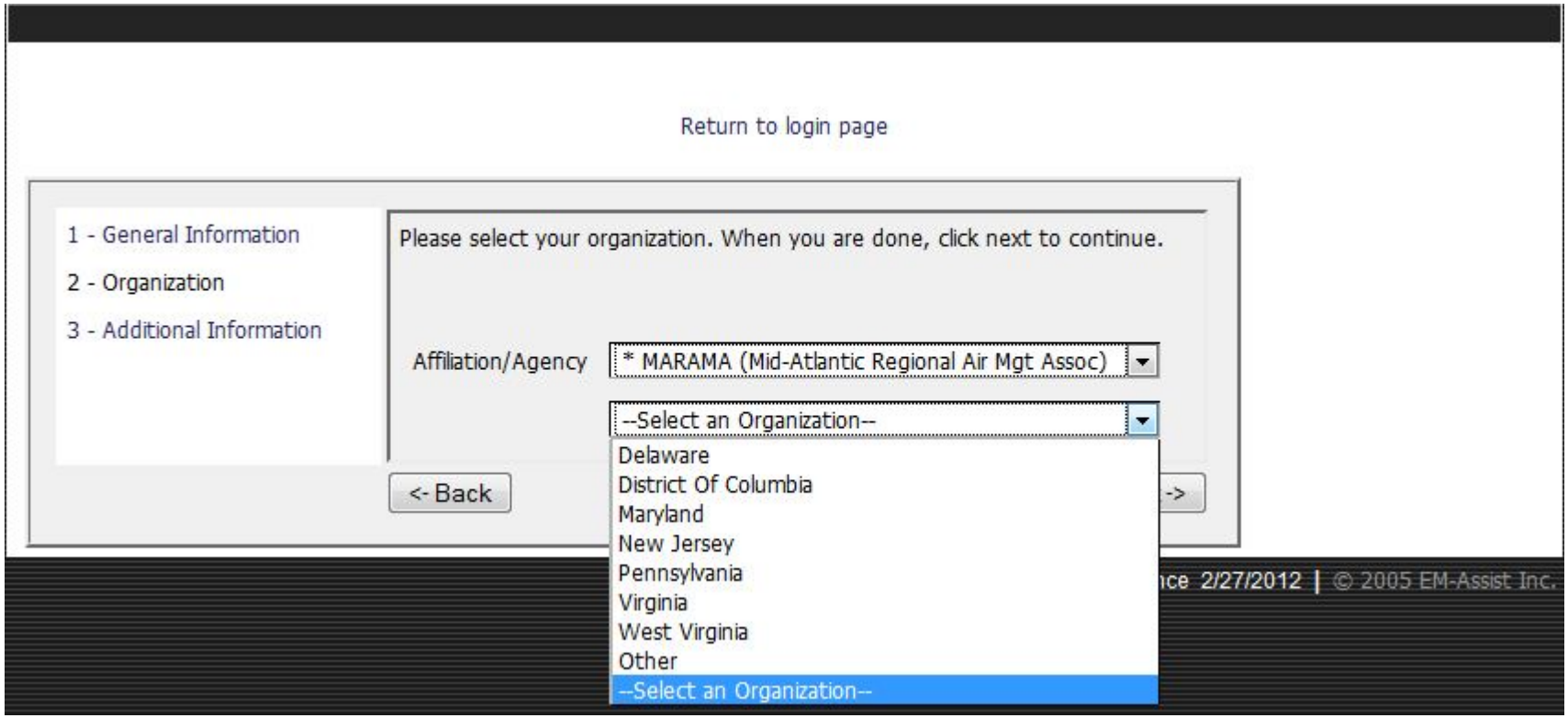


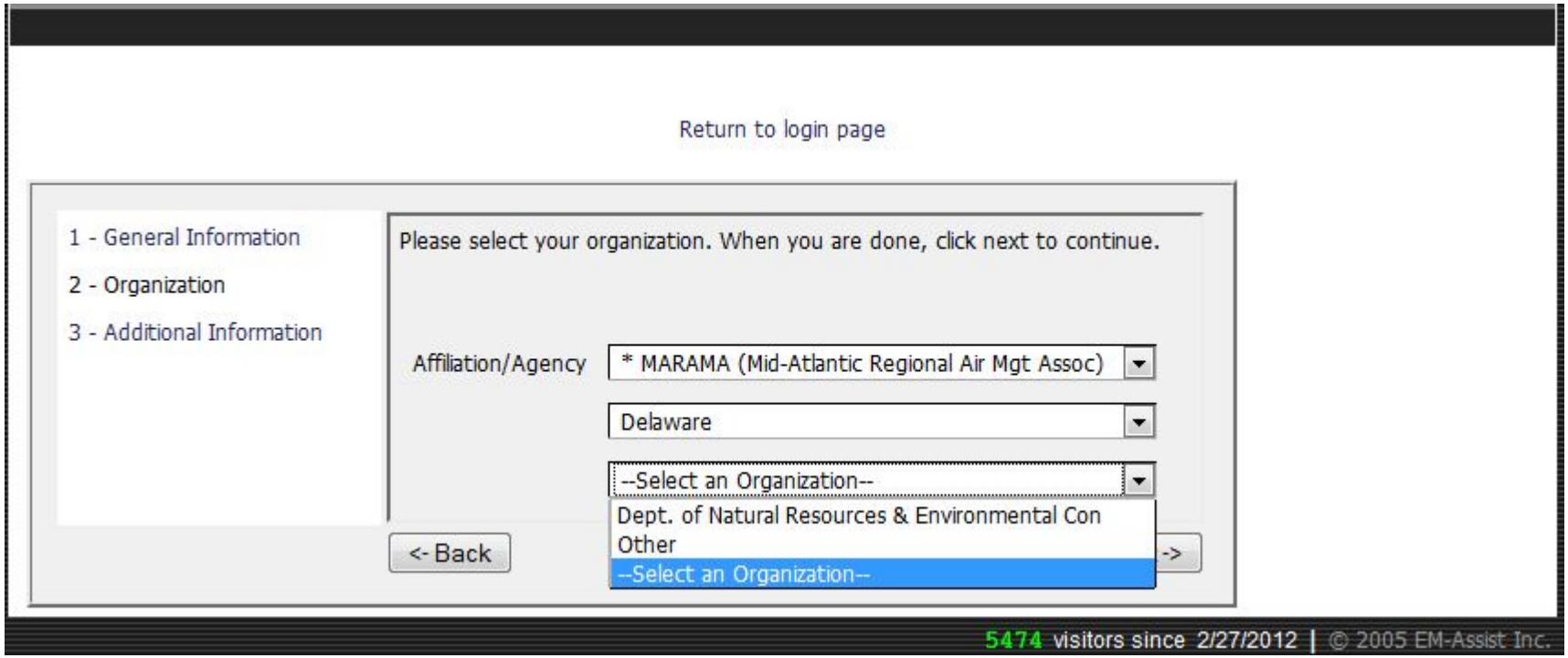
Organization – MJO



Organization – State



Organization – Agency



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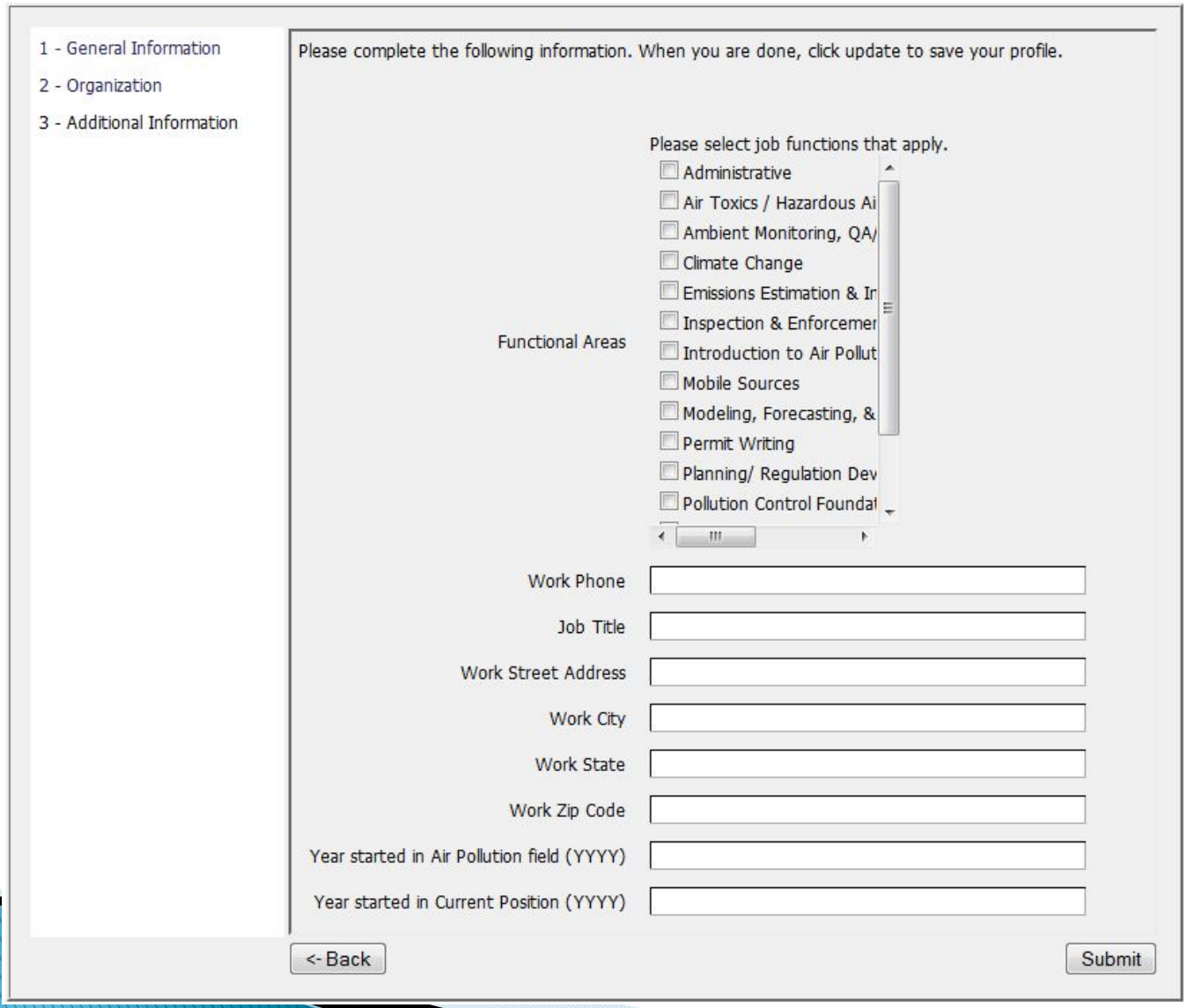

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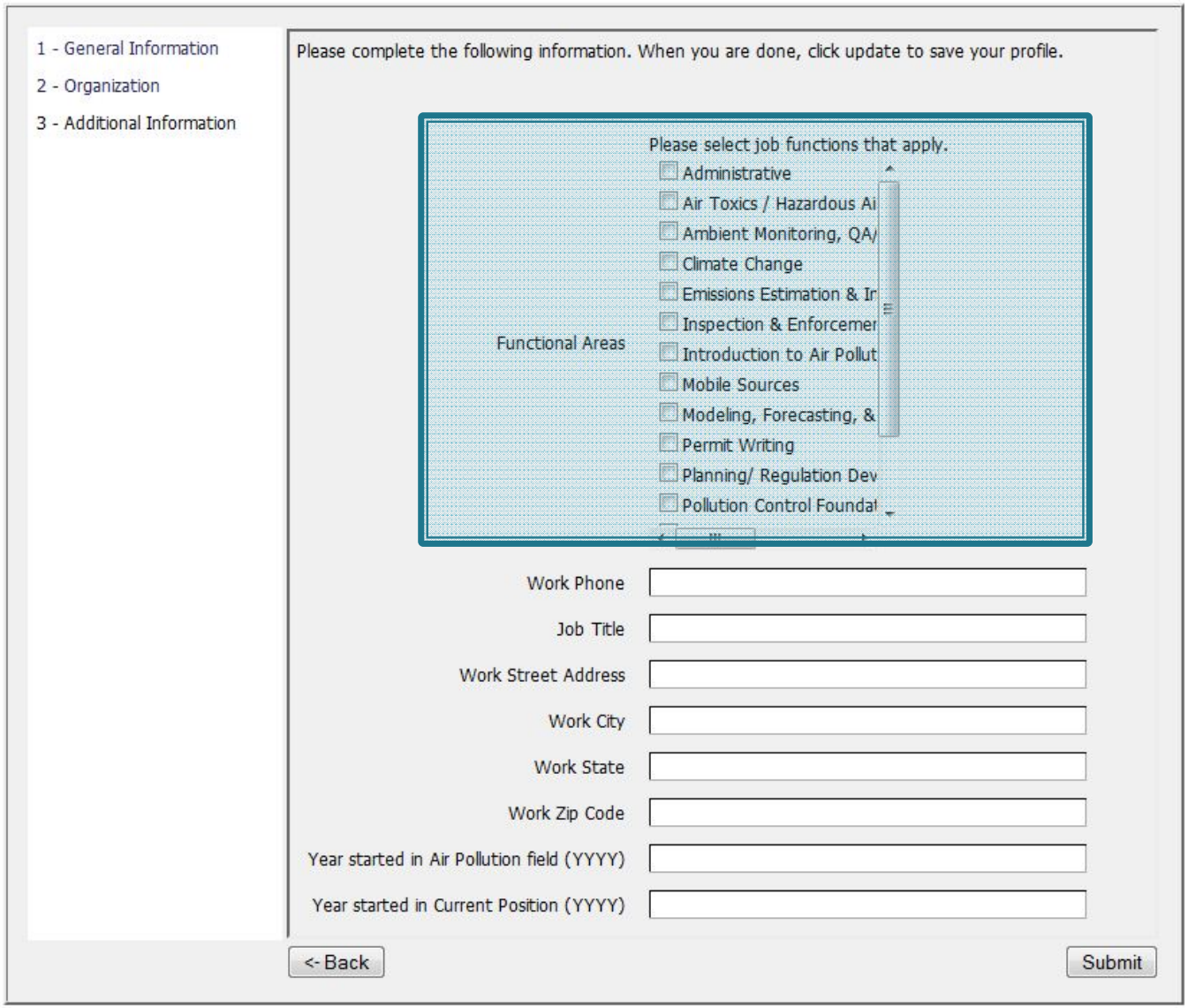
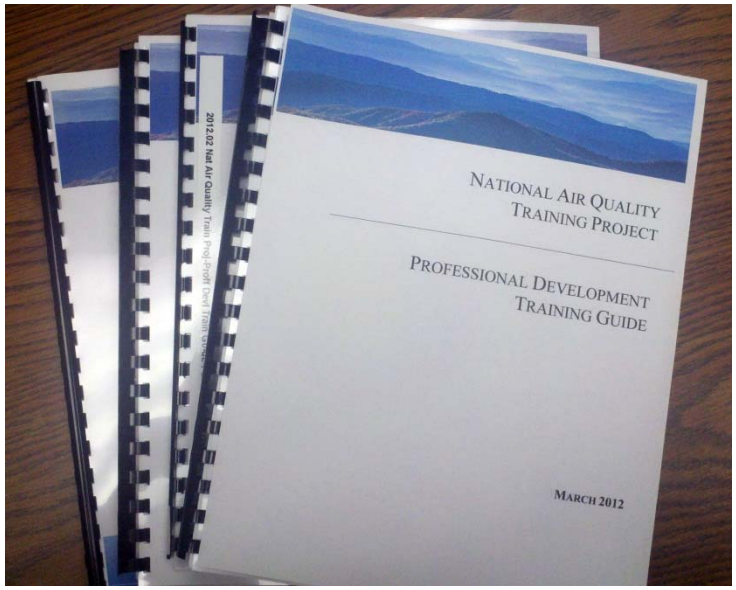


Curriculum Guide

- Consists of 4 separate reports
  - Professional Development Training Guide
    - Catalog of Courses
  - Technical Training Needs Summaries
  - Gap Analysis Concerning Professional Competencies
  - Public & Private Courses



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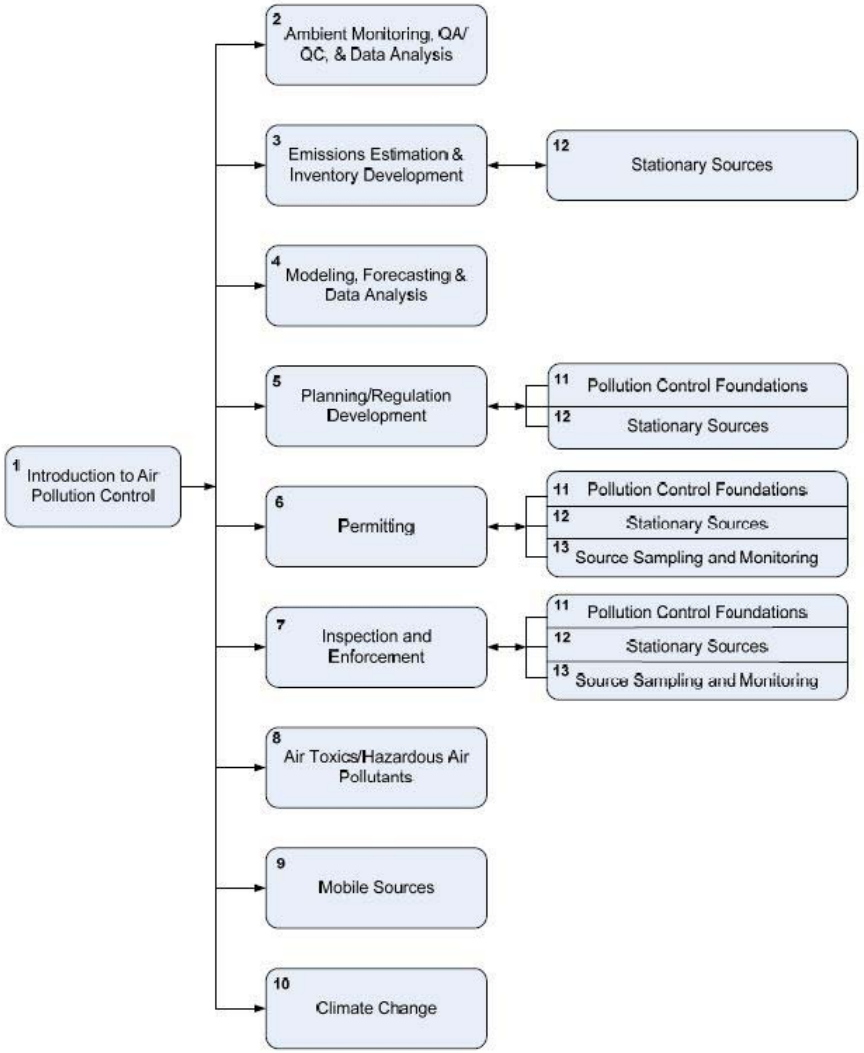


Training and Development Flowchart

Introductory Course Matrix

COURSES OFFERED FOR MAJOR AIR MANAGEMENT FUNCTIONS						
1- COURSES PRIMARILY FOR INTRODUCTION TO AIR POLLUTION CONTROL		Page	Level	Sub-set	Prerequisites	Notes
APTI 452	Principles and Practices of Air Pollution	18	1	Intro Option	APTI SI-422	Recommended for 444, SI-433 and SI-436
CARB 101	Uniform Air Quality Training Program (UAQTP)	69	1	Intro Option		
APTI SI-422	Air Pollution Control Orientation Course	54	1	Overview Option		Prerequisite for 380, 436, 444, 445, 455, 400, 452, 482, SI-428A, SI-433
APTI SI-105	Introduction to Air Pollution Control	42	1	Overview Option		Much of the same content as APTI SI-422
APTI V-101	Understanding Air Toxics	105	1	Overview Option		
APTI V-102	Clean Air Act Training Modules 1-11	106	1	Overview Option		
APTI SI-100	Mathematics Review for Air Pollution Control	65	1	Technical Option		Recommended for RE100.1, 345, 413, 415, 418, 427, 454, 470, 474
APTI RE-100-1	Basic Concepts in Environmental Sciences - Module 1: Basic Concepts	35	1	Technical Option		Prerequisite for 450
APTI RE-100-2	Basic Concepts in Environmental Sciences - Module 2: Characteristics of Gases	35	1	Technical Option		Prerequisite for 450
APTI RE-100-3	Basic Concepts in Environmental Sciences - Module 3: Characteristics of Particles	36	1	Technical Option		Prerequisite for 450
APTI RE-100-4	Basic Concepts in Environmental Sciences - Module 4: Liquid Characteristics	37	1	Technical Option		Prerequisite for 450
APTI RE-100-5	Basic Concepts in Environmental Sciences - Module 5: Flowcharts and Ventilation Systems	38	1	Technical Option		Prerequisite for 450

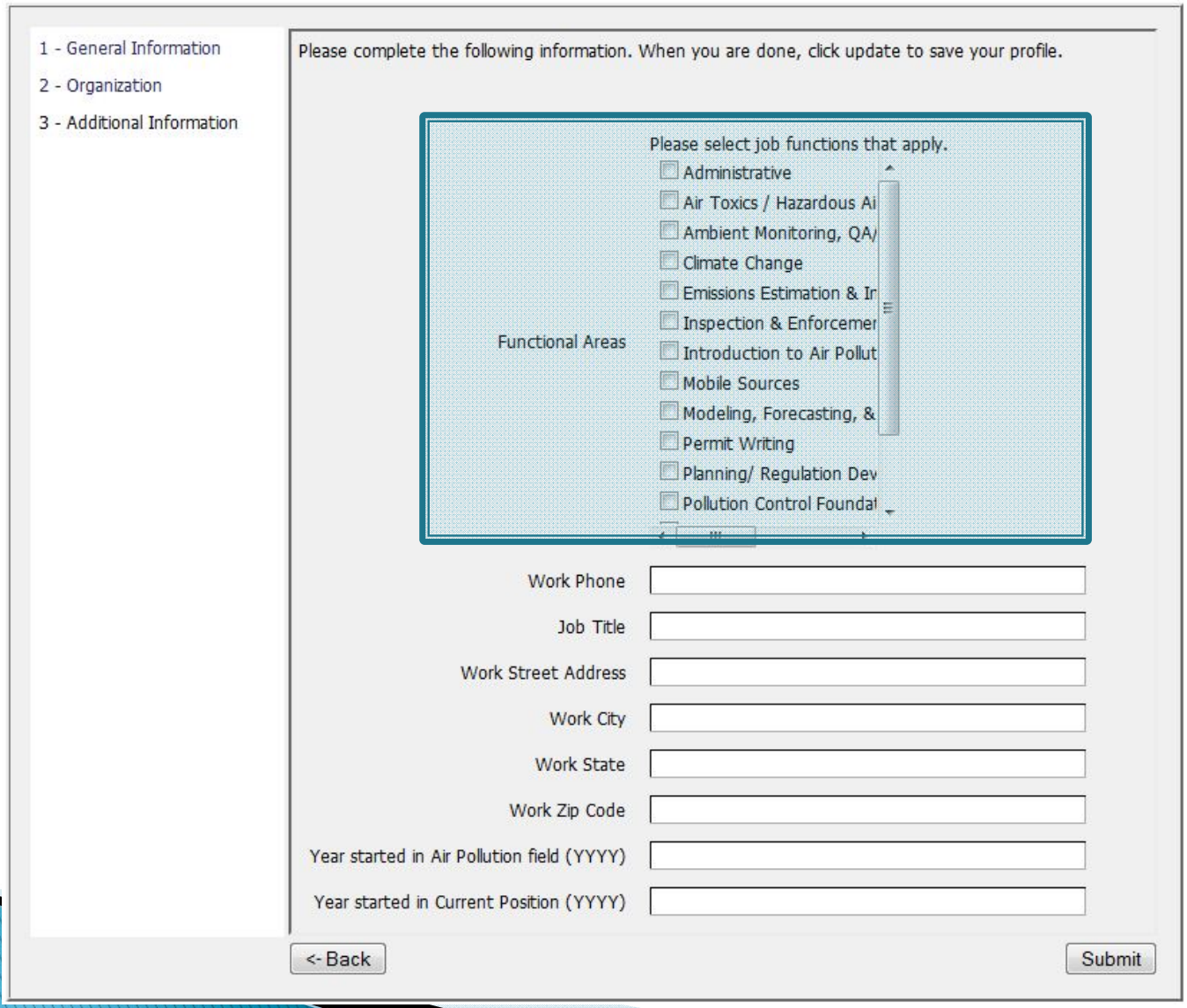
Private & Public Courses

Below are additional courses that are available from the public and private venues that may be available to provide additional training for staff.

- Mobile Source Emission Factor Modeling -**FHWA**
- Air Quality Fundamentals -**FHWA**
- MOVES 2011 Training -**FHWA**
- What is Transportation Conformity -**FHWA**
  https://connectdot.connectsolutions.com/whatisconformity/
- State and Metropolitan Transportation Planning -Rutgers National Transit Institute -
  http://ntionline.com/courses/courseinfo.php?id=218
- Implications of Air Quality Planning for Transportation -**FHWA**
- The Congestion Mitigation and Air Quality (CMAQ) Program: Policy Overview -**FHWA**
- Air Quality Benefit Estimation Methodologies for Transportation Control Measures (TCM) Projects -**FHWA**
- Project Level Mobile Source Air Toxics (MSAT) Workshop -**FHWA**
- COMMUTER Model Workshop -**FHWA**
- An Introduction to My SQL for MOVES Model Users-**FHWA**
  http://www.fhwa.dot.gov/resourcecenter/teams/airquality/mysqlwebinar.cfm

CARB offers mobile source control classes in California that would be useful to states that have adopted California standards.

Additional Information



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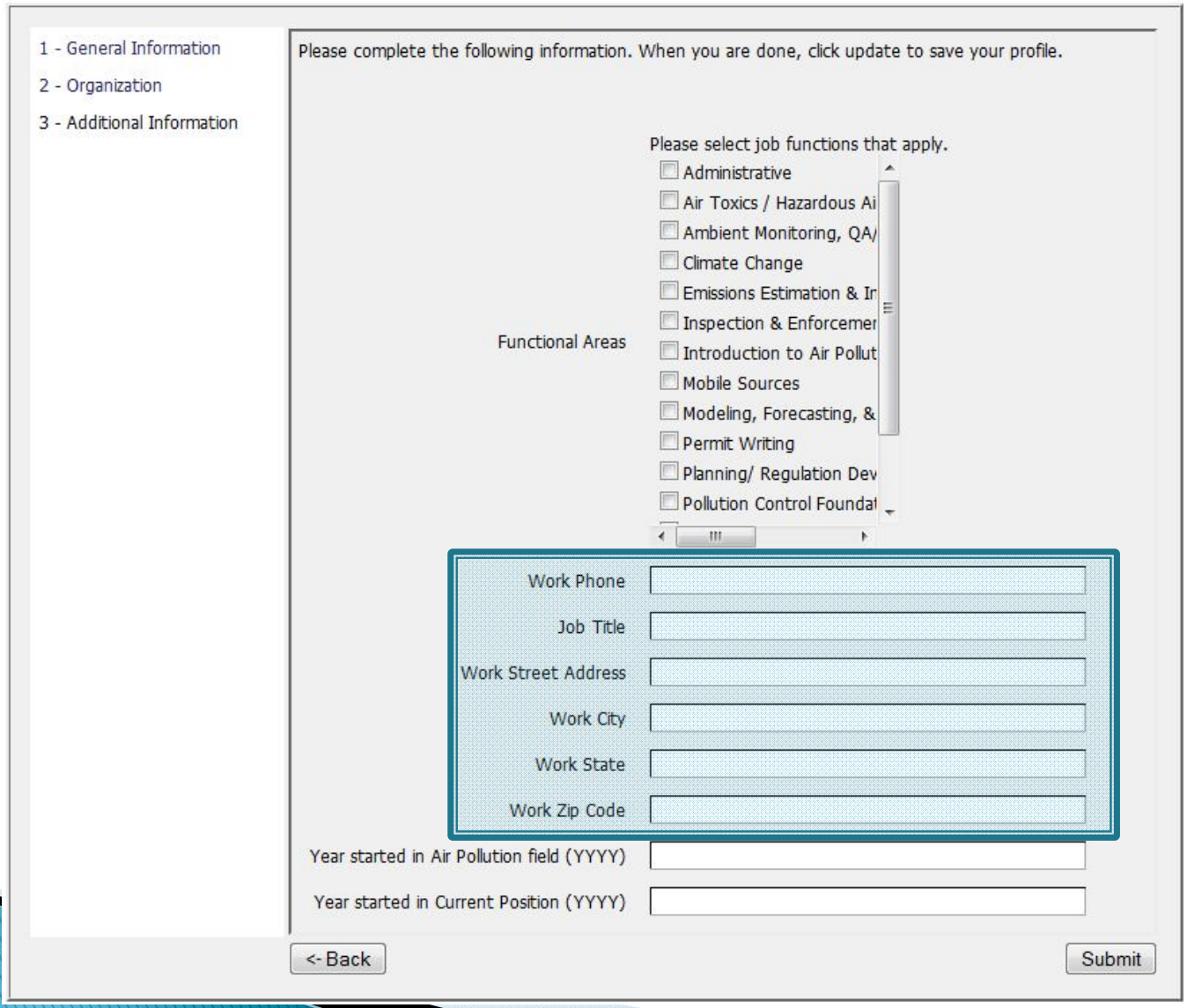

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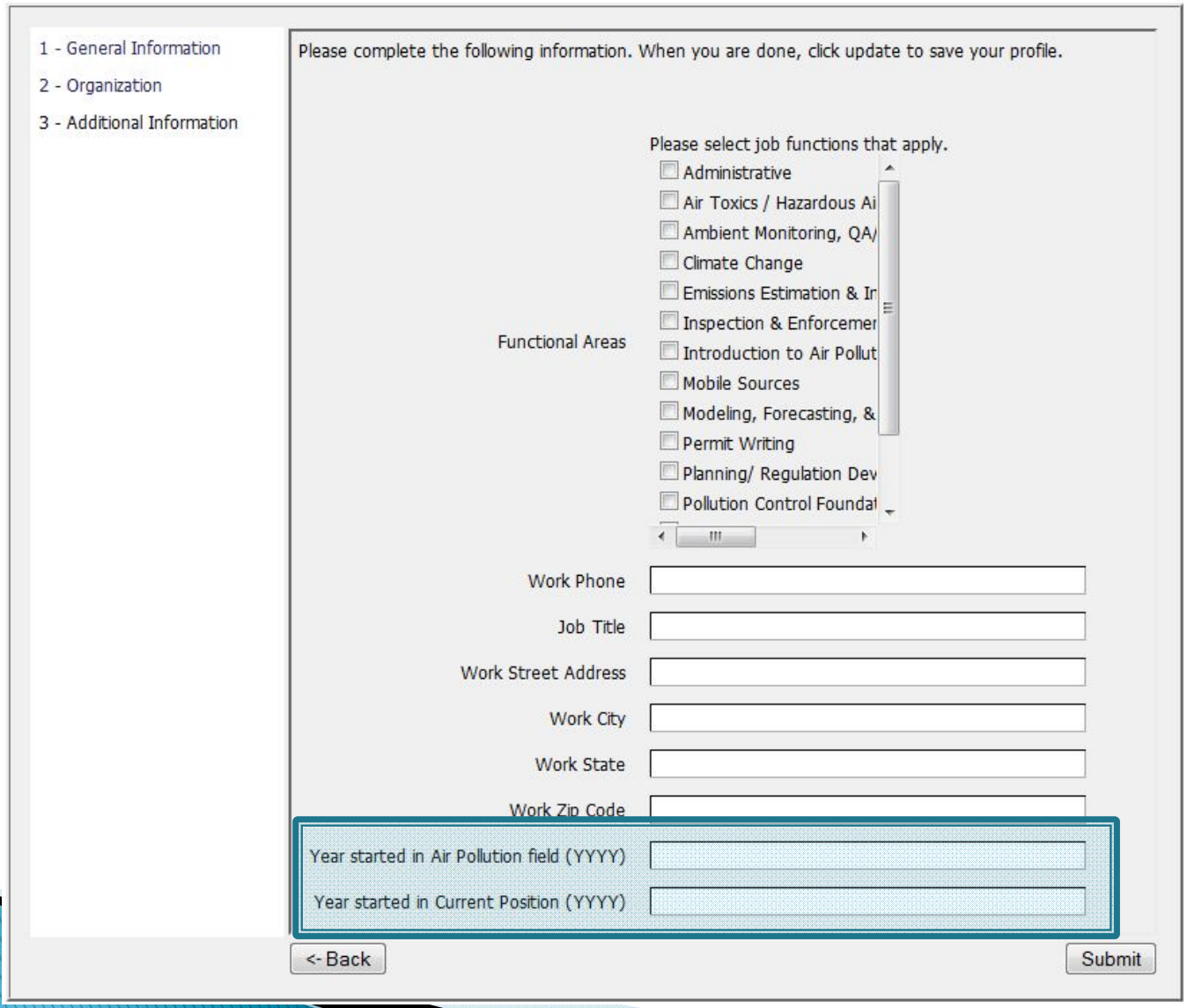

After the Profile

- Register for APTI & NACT courses
- Take online courses
- Print completion certificates
- Print transcripts

APTI-Learn Help

- Tutorials Available
- Located on Home Page – not logged in

APTI LMS Training Guides				
Student	Video	Registering a login for the LMS	Demonstrates how to create your LMS login and enter your user profile information.	3 minutes.
Student	Video	Searching and registering for classroom courses.	Demonstrates how to search for available classes on the annual training calendar and submit registration requests.	3 minutes.
Student	Video	MY TRAINING Overview	Overviews the MY TRAINING page, which serves as the launching point for all courses and viewing of a student's complete historical training record.	4 minutes.
Student	PDF	Registering for the LMS	Overview for LMS registration.	1 page.
Instructor	Video	Viewing assigned classes	Demonstrates how instructors view assigned classes, email students and print sign-in sheets.	4 minutes.
Instructor	Video	Completing a class	Demonstrates how instructors update the status of each student upon course completion.	2 minutes.
Instructor	Video	Viewing Evaluation Results	Demonstrates how instructors can view results from online class evaluations.	2 minutes.
Training Coordinator	Video	Scheduling a class	Demonstrates scheduling a classroom offering.	3 minutes.
Training Coordinator	Video	Enrolling Students	Demonstrates how to enroll students directly or from the waiting list into a classroom offering.	2 minutes.
Training Coordinator	PDF	Managing Class Enrollments	Overview of enrollment features.	2 pages
Training Coordinator	PDF	Class Setup and Scheduling	Overview of class scheduling process.	2 pages
Administrator	PDF	Create instructor login	Overview of assigning Instructor rights to an LMS user.	1 page

Additional Resources

http://www.marama.org/training-center/resources-and-tools

Tools and Resources

Quick Links:

- Online Courses and Resources
- EPA TechnologyTransfer Network - Training Information
- Classroom & Online Training Tools & Tips
- National Training Resources
- Regional Training Resources

National Air Quality Training Curriculum Project
Catalog of Courses (ver. 6) - 03/2012
Technical Needs Training Summary - 09/2011
Gap Analysis Summary Report - 02/2012
Professional Development Training Guide - 03/2012
PDTG: Public & Private Courses - 03/2012

Contact Info:

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- alutrey@marama.org